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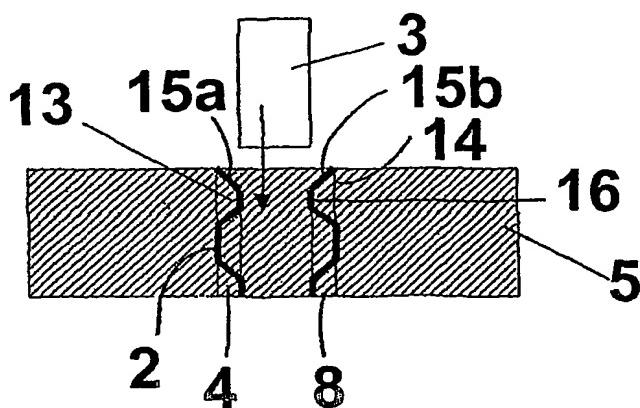
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(54) Title: TOLERANCE RING ASSEMBLY



(57) Abstract: A tolerance ring has a band (16) with outwardly extending corrugated protrusions forming waves (2) which engage a surface (8) of the bore (4) in a housing (5). At one end of the tolerance ring is an outwardly flared guide surface (15a, 15b) extending axially from the band (16). The guide surface (15a, 15b) acts as an enlarged entrance to the band (16) for a shaft (3) to be mounted in the bore (4) by insertion into the tolerance ring. The use of the guide surface (15a, 15b) assists assembly and reduces or eliminates particle production. It is also possible for the corrugated portions to extend inwardly, for the guide surface to be inwardly flared, and for the tolerance ring to be mounted on the shaft prior to insertion in the bore.

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